

feet. The oval, crimson berries are in loose panicles."

56381. *VIBURNUM* sp. "(No. 6772. October, 1922.) A handsome shrub or small tree 15 feet high, with smooth, oval leaves and small drooping clusters of scarlet berries, found on the slopes of the Likiang Snow Range at an altitude of 12,000 feet."

56385. *VIBURNUM* sp. "(No. 6820. November 30, 1922.) An exceedingly handsome shrub 20 feet tall, with large, oval leaves and huge terminal clusters of large transparent scarlet berries, found on the summit of the Salwin Ridge at an altitude of 8,000 feet. The juice is used by the natives in pickling turnip leaves."

WASABIA PUNGENS (Brassicaceae), 56438. From Yokohama, Japan. Plants purchased from the Yokohama Nursery Company. A Japanese perennial belonging to the mustard family, with large, bright-green, heart-shaped, long-stemmed leaves and white flowers borne in clusters on a flowering stalk over 3 feet high. The long roots are about an inch in diameter, grayish, with many knots. In the humid valleys in Japan this plant is often spontaneous, and it is much cultivated on the banks of little streams near dwellings. The grated roots are used in the same manner as ordinary horse-radish, and by many are considered to be superior in all ways. (Adapted from Vilmorin-Andrieux & Co., *Les Plantes Potageres*, p. 646.)

ZIZIPHUS spp. (Rhamnaceae), 56493 and 56634. Seeds collected by J. F. Rock, Agricultural Explorer of the Bureau of Plant Industry. Quoted notes by Mr. Rock.

56493. *ZIZIPHUS* sp. From China. "(No. 6824. October, 1922.) A handsome, spreading tree 30 feet high, with a round crown, found above Yangpi, 2 days' travel from Talifu, at an altitude of 7,500 feet. The leaves are large, oval, and finely serrate and the tree was loaded with olive-shaped drupes."

56634. *ZIZIPHUS* sp. From Upper Chindwin, Northwest Burma. "(January 6, 1923.) A tree 40 feet high, with a stout trunk $1\frac{1}{2}$ feet in diameter, found in a very dry region on the Mytha River near Kalewa, Upper Chindwin. The very small, round leaves are less than an inch wide and the small, globose, yellowish red drupes, less than an inch in diameter, have large stones and very scanty flesh."